

pu/09 45

CRI Errors Corrected by the STIC Systems Branch

CRI Processing Date: 9/6/2001  
Edited by: [signature]  
Verified by: [signature] (STIC staff)

Serial Number: 09/200,187

ENTERED

#3

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically: \_\_\_\_\_
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other \_\_\_\_\_
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: \_\_\_\_\_
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: \_\_\_\_\_
- ☒ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: 12
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: \_\_\_\_\_
- ☐ Deleted extra, invalid, headings-used by an applicant, specifically: \_\_\_\_\_
- ☐ Deleted: ☐ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filenam at end of file;  
☐ page numbers throughout text; ☐ other invalid text, such as \_\_\_\_\_
- ☐ Inserted mandatory headings, specifically: \_\_\_\_\_
- ☐ Corrected an obvious error in the response, specifically: \_\_\_\_\_
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: \_\_\_\_\_
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted ending stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: \_\_\_\_\_
- ☐ Other: \_\_\_\_\_

Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

## RAW SEQUENCE LISTING

DATE: 09/06/2001

PATENT APPLICATION: US/09/700,187

TIME: 21:26:10

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF3\09062001\I700187.raw

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3 <110> APPLICANT: Sasaki, Yukiko
4     Nagano, Yukio
5     Inaba, Takehito
7 <120> TITLE OF INVENTION: Light Repressible Promoter
9 <130> FILE REFERENCE: 46216
11 <140> CURRENT APPLICATION NUMBER: US 09/700,187
13 <141> CURRENT FILING DATE: 2000-11-13
15 <150> PRIOR APPLICATION NUMBER: PCT/JP00/01269
17 <151> PRIOR FILING DATE: 2000-03-03
19 <160> NUMBER OF SEQ ID NOS: 40
21 <170> SOFTWARE: PatentIn ver. 2.0
23 <210> SEQ ID NO: 1
25 <211> LENGTH: 12
27 <212> TYPE: DNA
29 <213> ORGANISM: Pisum sativum cv. Alaska
31 <220> FEATURE:
33 <223> OTHER INFORMATION: Nucleotide sequence for a core region of light repressible
34     promoter from the pea small GTPase gene
36 <400> SEQUENCE: 1
37 ggattttaca gt                                     12
39 <210> SEQ ID NO: 2
41 <211> LENGTH: 93
43 <212> TYPE: DNA
45 <213> ORGANISM: Pisum sativum cv. Alaska
47 <220> FEATURE:
49 <223> OTHER INFORMATION: Nucleotide sequence for a cis element of light repressible
50     promoter from the pea small GTPase gene
52 <400> SEQUENCE: 2
53 aaaagtaaca catattttga taaattttatt actaaaacta ttttctagta cttgttaatc 60
54 atgtctgagg attttacagt aataaagaaa cga                                     93
56 <210> SEQ ID NO: 3
58 <211> LENGTH: 2325
60 <212> TYPE: DNA
62 <213> ORGANISM: pisum sativum cv. Alaska
64 <220> FEATURE:
66 <223> OTHER INFORMATION: Nucleotide sequence for a light repressible promoter from the
67     pea small GTPase gene
69 <400> SEQUENCE: 3
70 aagctttaaa ggcaaggga agacaacaat tccaaaaata taaaaactcc taaagaatga 60
71 ttttattcctt atcttcataa ataacttttc ctattccaaa aacacatcaa agttatgtga 120
72 ttcatatcctt taattatctg ataatatata attgtatatt caatatttca tacaattgtg 180
73 ttatatgaaa tattttgtag gtaaaaggga ctaagaataa cctccgcaac atcaaagtca 240
74 gaaacctctt gtaactcttc agttgaaacg agaaggaagt ggacaacaca gaaaactaag 300
75 ttccccctact taacttcttg gtttggtgga ggacttcctt tacaatttat actctaagga 360
76 aatacattag acactctaga tgggttgcat tagctcatat atttttaagt aataataccc 420
77 acttcaagtt ttttgttttt tggttggttg cagtagatga taagatggat catttctcaa 480
78 ggcccttatg caaagacata agatccatat actccaccaa gattgcttta catctaacca 540

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DATE: 09/06/2001

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Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF3\09062001\I700187.raw

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79 agttaatgaa tttaaattct tcgaaacaat tatttcctac caaaggaagt ttatatgcac 600
80 atttttcta atgtttttat atagaattga tacatgtttc tggtatacaa gattagaatt 660
81 tggattttct atccaaactc ctacacttgg tgagaaatit cagcctcaac cttagtaaat 720
82 cagggttctc cttcaaactc atacacttgg ttgagtgaaga attatggacg tcaacctagc 780
83 aatatgaatc cctctccaag atcctacact tatctgagtg agaatttttg tcctcgacct 840
84 caacaagata gatttgatgg gtcatcacga ggggaagcat tcacattggg tcaaagattc 900
85 acccaaaaca gtgagagaga catcacatat caaccaaacc cttaaggtga taggtgtatg 960
86 agttctctta cttataaagt gctcaacctc cacttttcta agcaatgtgt gacttagaac 1020
87 tcacacttat ttctcaacat aactcacact tgtttatcaa caatctcccc cacaagtgtg 1080
88 agttcattcg ctatgtcccc ctcaagtggg atctctttca tccgcatgct tataccggtg 1140
89 ttgacataca tctttactcg tcatgggcac ttcaatggga cagcgtgct gaccaccatg 1200
90 tcaagaagac ttttgacaca aggagtcggt cccttactcg aaccagactc tgataccatt 1260
91 aatagatcac tttgaatgga tatcattcat actatatcaa acattttacgt aaagataaaa 1320
92 aattcaccca aacaaatgag agagacacta catctctctt attatattaa taaaatgtaa 1380
93 agaaaaatat agtataaaag taacacatat tttgataaat ttattactaa aactattttc 1440
94 tagtacttgt taatcatgtc tgaggatttt acagtaataa agaaacgagg tagcccaaac 1500
95 aaaagtgata attgtggagg gtgtgatctt tgtcgttgca aaaaatgaaa ccccaaactt 1560
96 gtgatattgt gtcgactgct ccgtcgctac attgaaatta atgaatgttc ttttataacg 1620
97 tttgtctatg ccgtattacc catatggtca ctagaatggg acaatgaatt taatatatat 1680
98 ctgtcatgtg tgggtggatt caatttaatt gtatcgtaaa tggtaggaca tactcatgct 1740
99 acacaattat atcatcactg gtcaatcact ggtcaatgtg ttttctcttc ccatgaattc 1800
100 acattgctaa agaaaattac caccttaaaa tgtttatccc ttgcacacat ttcacatcaa 1860
101 tttattaaaa cattttacca ttggaaaaca catacatatt caatcaatta tttttgcatt 1920
102 ttcaaaaact aaaccaaaca aacttagaat attttgtaat tatagcaca ttttcaaaaa 1980
103 taccctagtc ttcaaccact caataattca caatttccaa atcccttgca aaacatcaca 2040
104 acctctagaa actttgatta ataattcaat aaaagcaata atatgatata taaacaatat 2100
105 caccatataa gttatgatata aatatgatgc agcaatacac ttaatttggt aaagcattaa 2160
106 agcgagacaa ctctattaac accggttaatt caacaaccgt tgttgctogag ttcattgttt 2220
107 cttccaactc ttttctttt cctttacttt atttatttct cctacttacc ttttctacta 2280
108 atataacta tctctcttga acctcttttt gatcttgaca agaaa 2325
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112 <211> LENGTH: 30
114 <212> TYPE: DNA
116 <213> ORGANISM: Artificial Sequence
118 <220> FEATURE:
120 <223> OTHER INFORMATION: Primer used in Example 1
122 <400> SEQUENCE: 4
123 acggttggtg aattaccggt gttaatagag 30
125 <210> SEQ ID NO: 5
127 <211> LENGTH: 22
129 <212> TYPE: DNA
131 <213> ORGANISM: Artificial Sequence
133 <220> FEATURE:
135 <223> OTHER INFORMATION: NcoI primer used in Example 3
137 <400> SEQUENCE: 5
138 ggtccatggt cttgtcaaga tc 22
140 <210> SEQ ID NO: 6
142 <211> LENGTH: 21
144 <212> TYPE: DNA

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PATENT APPLICATION: US/09/700,187

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Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF3\09062001\I700187.raw

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146 <213> ORGANISM: Artificial Sequence
148 <220> FEATURE:
150 <223> OTHER INFORMATION: Primer used for preparing PL1 in Example 3
152 <400> SEQUENCE: 6
153 gggaaagcttt aaaggcaagg g 21
155 <210> SEQ ID NO: 7
157 <211> LENGTH: 23
159 <212> TYPE: DNA
161 <213> ORGANISM: Artificial Sequence
163 <220> FEATURE:
165 <223> OTHER INFORMATION: Primer used for preparing PL3 in Example 3
167 <400> SEQUENCE: 7
168 acgtaaagct taaaaattca ccc 23
170 <210> SEQ ID NO: 8
172 <211> LENGTH: 25
174 <212> TYPE: DNA
176 <213> ORGANISM: Artificial Sequence
178 <220> FEATURE:
180 <223> OTHER INFORMATION: Primer used for preparing PL4 in Example 3
182 <400> SEQUENCE: 8
183 aaataaagct taaaagtaac acata 25
185 <210> SEQ ID NO: 9
187 <211> LENGTH: 27
189 <212> TYPE: DNA
191 <213> ORGANISM: Artificial Sequence
193 <220> FEATURE:
195 <223> OTHER INFORMATION: Primer used for preparing PL4B in Example 3
197 <400> SEQUENCE: 9
198 gtactgcagt cagacatgat taacaag 27
200 <210> SEQ ID NO: 10
202 <211> LENGTH: 24
204 <212> TYPE: DNA
206 <213> ORGANISM: Artificial Sequence
208 <220> FEATURE:
210 <223> OTHER INFORMATION: Primer used for preparing PL5 in Example 3
212 <400> SEQUENCE: 10
213 aaagaagctt ggtagcccaa acaa 24
215 <210> SEQ ID NO: 11
217 <211> LENGTH: 30
219 <212> TYPE: DNA
221 <213> ORGANISM: Artificial Sequence
223 <220> FEATURE:
225 <223> OTHER INFORMATION: Primer used for preparing LS1 in Example 3
227 <400> SEQUENCE: 11
228 aagcttctgc agggatttta cagtaataaa 30
230 <210> SEQ ID NO: 12
232 <211> LENGTH: 35
234 <212> TYPE: DNA
236 <213> ORGANISM: Artificial Sequence

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## RAW SEQUENCE LISTING

DATE: 09/06/2001

PATENT APPLICATION: US/09/700,187

TIME: 21:26:10

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF3\09062001\I700187.raw

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238 <220> FEATURE:
240 <223> OTHER INFORMATION: Primer used for preparing LS2 in Example 3
242 <400> SEQUENCE: 12
243 aagcttgtct gactgcagta cagtaataaa gaaac 35
245 <210> SEQ ID NO: 13
247 <211> LENGTH: 42
249 <212> TYPE: DNA
251 <213> ORGANISM: Artificial Sequence
253 <220> FEATURE:
255 <223> OTHER INFORMATION: Primer used for preparing LS3 in Example 3
257 <400> SEQUENCE: 13
258 aagcttgtct gaggatttct gcagaataaa gaaacgaggt ag 42
260 <210> SEQ ID NO: 14
262 <211> LENGTH: 48
264 <212> TYPE: DNA
266 <213> ORGANISM: Artificial Sequence
268 <220> FEATURE:
270 <223> OTHER INFORMATION: Primer used for preparing LS4 in Example 3
272 <400> SEQUENCE: 14
273 aagcttgtct gaggatttta cagtctgcag gaaacgaggt agcccaaa 48
275 <210> SEQ ID NO: 15
277 <211> LENGTH: 52
279 <212> TYPE: DNA
281 <213> ORGANISM: Artificial Sequence
283 <220> FEATURE:
285 <223> OTHER INFORMATION: Primer used for preparing LS5 in Example 3
287 <400> SEQUENCE: 15
288 aagcttgtct gaggatttta cagtaataaa ctgcagaggt agcccaaaca ag 52
290 <210> SEQ ID NO: 16
292 <211> LENGTH: 30
294 <212> TYPE: DNA
296 <213> ORGANISM: Artificial Sequence
298 <220> FEATURE:
300 <223> OTHER INFORMATION: Primer used for preparing PL2 in Example 3
302 <400> SEQUENCE: 16
303 tcaatgggac acgctgcctg accaccatgt 30
305 <210> SEQ ID NO: 17
307 <211> LENGTH: 31
309 <212> TYPE: DNA
311 <213> ORGANISM: Artificial Sequence
313 <220> FEATURE:
315 <223> OTHER INFORMATION: pUC19 primer used in Example 3
317 <400> SEQUENCE: 17
318 ggcgtaatca tggcatagc tgtttcctgt g 31
320 <210> SEQ ID NO: 18
322 <211> LENGTH: 30
324 <212> TYPE: DNA
326 <213> ORGANISM: Artificial Sequence
328 <220> FEATURE:

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## RAW SEQUENCE LISTING

DATE: 09/06/2001

PATENT APPLICATION: US/09/700,187

TIME: 21:26:10

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF3\09062001\I700187.raw

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330 <223> OTHER INFORMATION: Primer used for preparing PL6 in Example 3
332 <400> SEQUENCE: 18
333 tgtcgggtgca aaaaatgaaa ccccaaactt 30
335 <210> SEQ ID NO: 19
337 <211> LENGTH: 30
339 <212> TYPE: DNA
341 <213> ORGANISM: Artificial Sequence
343 <220> FEATURE:
345 <223> OTHER INFORMATION: Primer used for preparing PL7 in Example 3
347 <400> SEQUENCE: 19
348 aatgtttatc cttgcacac atttcacatc 30
350 <210> SEQ ID NO: 20
352 <211> LENGTH: 25
354 <212> TYPE: DNA
356 <213> ORGANISM: Artificial Sequence
358 <220> FEATURE:
360 <223> OTHER INFORMATION: Primer used for preparing PL8 in Example 3
362 <400> SEQUENCE: 20
363 gcaaaacatc acaacctcta gaaac 25
365 <210> SEQ ID NO: 21
367 <211> LENGTH: 39
369 <212> TYPE: DNA
371 <213> ORGANISM: Artificial Sequence
373 <220> FEATURE:
375 <223> OTHER INFORMATION: Primer used for preparing PL4c in Example 3
377 <400> SEQUENCE: 21
378 gtttggtgc agtcgtttct ttattactgt aaaatcctc 39
380 <210> SEQ ID NO: 22
382 <211> LENGTH: 39
384 <212> TYPE: DNA
386 <213> ORGANISM: Artificial Sequence
388 <220> FEATURE:
390 <223> OTHER INFORMATION: Primer used for preparing PL4C in Example 3
392 <400> SEQUENCE: 22
393 caatactgca gtatatgtta tgatataata tgatgcagc 39
395 <210> SEQ ID NO: 23
397 <211> LENGTH: 25
399 <212> TYPE: DNA
401 <213> ORGANISM: Artificial Sequence
403 <220> FEATURE:
405 <223> OTHER INFORMATION: gF primer used for preparing gF1 in Example 3
407 <400> SEQUENCE: 23
408 tactgcagaa aagtaacaca tatTT 25
410 <210> SEQ ID NO: 24
412 <211> LENGTH: 31
414 <212> TYPE: DNA
416 <213> ORGANISM: Artificial Sequence
418 <220> FEATURE:
420 <223> OTHER INFORMATION: Primer used for preparing gF1 in Example 3

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VERIFICATION SUMMARY

DATE: 09/06/2001

PATENT APPLICATION: US/09/700,187

TIME: 21:26:11

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF3\09062001\I700187.raw

PCT09

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/700,187

DATE: 08/01/2001

TIME: 19:09:40

Input Set : A:\Sasaki Seq List 7-16-01.txt

Output Set: N:\CRF3\08012001\I700187.raw

3 <110> APPLICANT: Sasaki, Yukiko  
 4 Nagano, Yukio  
 5 Inaba, Takehito  
 7 <120> TITLE OF INVENTION: Light Repressible Promoter  
 9 <130> FILE REFERENCE: 46216  
 11 <140> CURRENT APPLICATION NUMBER: US 09/700,187  
 13 <141> CURRENT FILING DATE: 2000-11-13  
 15 <150> PRIOR APPLICATION NUMBER: PCT/JP00/01269  
 W--> 17 <151> PRIOR FILING DATE: 2000-3-03 2000-03-03  
 19 <160> NUMBER OF SEQ ID NOS: 40  
 21 <170> SOFTWARE: PatentIn ver. 2.0

Does Not Comply  
Corrected Diskette Needed

## ERRORED SEQUENCES

230 <210> SEQ ID NO: 12  
 232 <211> LENGTH: 35  
 234 <212> TYPE: DNA  
 236 <213> ORGANISM: Artificial Sequence  
 238 <220> FEATURE:  
 240 <223> OTHER INFORMATION: Primer used for preparing LS2 in Example 3  
 242 <400> SEQUENCE: 12  
 E--> 243 aagcttggtct gactgcagta cagtaataaa gaaac

35 ← insert



## VERIFICATION SUMMARY

DATE: 08/01/2001

PATENT APPLICATION: US/09/700,187

TIME: 19:09:41

Input Set : A:\Sasaki Seq List 7-16-01.txt

Output Set: N:\CRF3\08012001\I700187.raw

L:17 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD

L:243 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:35 SEQ:12